



*LAW*


DOCKET NO.: G0631.70039 US00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: James F. Caffrey et al  
Serial No.: 10/664,349  
Confirmation No.: 4151  
Filed: September 17, 2003  
For: MEASURING CIRCUIT AND A METHOD FOR DETERMINING A  
CHARACTERISTIC OF THE IMPEDANCE OF A COMPLEX  
IMPEDANCE ELEMENT FOR FACILITATING CHARACTERIZATION OF  
THE IMPEDANCE THEREOF  
Examiner: --  
Art Unit: 2858

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the 18th day of May, 2005.

  
Steven J. Henry  
Reg. No. 27,900

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:


Transmitted herewith are the following documents:

- [ x ] Information Disclosure Statement, PTO-1449 (with foreign references)
- [ x ] Return Receipt Postcard

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned at (617) 646-8000, Boston, Massachusetts.

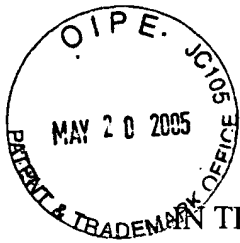
No check is enclosed to cover the filing fee. If the fee is insufficient, the balance may be charged to the account of the undersigned, Deposit Account No. 23/2825. A duplicate of this sheet is enclosed.

Respectfully submitted,

  
Steven J. Henry  
Reg. No. 27,900  
Wolf, Greenfield & Sacks, P.C.  
600 Atlantic Avenue  
Boston, MA 02210-2211  
(617) 646-8000

Docket No.: G0631.70039  
Date: May 18, 2005

x06/23/05x



DOCKET NO: G0631.70039 US00

THE UNITED STATES PATENT AND TRADEMARK OFFICE


Applicant: James F. Caffrey et al  
Serial No: 10/664,349  
Confirmation No: 4151  
Filed: September 17, 2003  
For: MEASURING CIRCUIT AND A METHOD FOR  
DETERMINING A CHARACTERISTIC OF THE IMPEDANCE  
OF A COMPLEX IMPEDANCE ELEMENT FOR  
FACILITATING CHARACTERIZATION OF THE IMPEDANCE  
THEREOF

Examiner: --  
Art Unit: 2858

---

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the 18th day of May, 2005.

  
Steven J. Henry  
Reg. No. 27,900

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

STATEMENT FILED PURSUANT TO THE DUTY OF  
DISCLOSURE UNDER 37 CFR §§1.56, 1.97 AND 1.98

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, the Applicant requests consideration of this Information Disclosure Statement.

Compliance with 37 C.F.R. §1.97

This Information Disclosure Statement has been filed before the mailing date of a first Office Action on the merits in the above-identified case.

No fee or certification is required.

Information Cited

The Applicant hereby makes of record in the above-identified application the information listed on the attached form PTO-1449 (modified). The order of presentation of the references should not be construed as an indication of the importance of the references.

The Applicant hereby makes the following additional information of record in the above-identified application: The Applicant would like to bring to the Examiner's attention the enclosed search report from a corresponding International or Foreign National Application.

Remarks

Documents cited anywhere in the Information Disclosure Statement are enclosed unless otherwise indicated. It is respectfully requested that:

1. The Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims;
2. The enclosed form PTO-1449 be signed by the Examiner to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application;
3. The citations for the information be printed on any patent which issues from this application.

By submitting this Information Disclosure Statement, the Applicant makes no representation that a search has been performed, of the extent of any search performed, or that more relevant information does not exist.

By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

Serial No.: 10/664,349  
Confirmation No.: 4151


- 3 -

Art Unit: 2858

Notwithstanding any statements by the Applicant, the Examiner is urged to form his own conclusion regarding the relevance of the cited information.

An early and favorable action is hereby requested.

Respectfully submitted,

By:   
\_\_\_\_\_  
Steven J. Henry, Reg. No. 27,900  
Wolf, Greenfield & Sacks, P.C.  
600 Atlantic Avenue  
Boston, Massachusetts 02210-2211  
(617) 646-8000

Docket No. G0631.70039 US00  
Date: May 18, 2005  
**X06/23/05x**

FORM PTO-1449/A and B (Modified)		APPLICATION NO.: 10/664,349	ATTY. DOCKET NO.: G0631.70039 US00
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		FILING DATE: September 17, 2003	CONFIRMATION NO.: 4151
		APPLICANT: James F. Caffrey et al	
		GROUP ART UNIT: 2858	EXAMINER: --
Sheet	1	of	1

#### U.S. PATENT DOCUMENTS

Examiner's Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication or of issue of Cited Document MM-DD-YYYY
		Number	Kind Code		
	*	5,365,179		Rogers	11-15-1994
	*	4,831,324		Asakura et al	05-16-1989
	*	6,172,483		Champlin	01-09-2001
	*	2002/0114428		Nossing et al	08-22-2002

#### FOREIGN PATENT DOCUMENTS

Examiner's Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document (not necessary)	Date of Publication of Cited Document MM-DD-YYYY	Translation (Y/N)
		Office/ Country	Number	Kind Code			
		EP	0338400		Doduco Gmbh	04-12-1989	N
		FR	2737923		Centre National d'Etudes Spatiales	08-16-1995	N
		WO	03/040736		Aware, Inc.	05-15-2003	Y

#### OTHER ART — NON PATENT LITERATURE DOCUMENTS

Examiner's Initials	Cite No	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s), publisher, city and/or country where published.	Translation (Y/N)	
		PCT/IE2004/000121 international search report		

EXAMINER	DATE CONSIDERED
----------	-----------------

#EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

\*a copy of this reference is not provided

[NOTE - Must provide a copy of any patent, publication, other information listed, even if it was previously submitted to, or cited by, the U.S. Patent Office in an earlier application, unless the earlier application is identified by the IDS and is relied upon for an earlier filing date under 35 U.S.C. §120, and the copy was provided in the earlier application.]